

## METHOD AND SYSTEM FOR PHONETIC RECOGNITION

### ABSTRACT OF THE DISCLOSURE

A method and a system for phonetic recognition are proposed, in which phonetic recognition is implemented by using principles of phonetic recognition and a general database of phonetic sounds and corresponding characters, so as to recognize a phonetic sound generated by a user and identify a character corresponding to the user's phonetic sound, without requiring a personal database of phonetic sounds and corresponding characters for the user to be establish in advance. Moreover, the method and system for phonetic recognition can also recognize a tone of the phonetic sound to be able to identify a Chinese character corresponding in variation of four tones to the phonetic sound. In addition, in the method and system for phonetic recognition, the phonetic sound can be analyzed in timbre characteristic for allowing the user's timbre to be recognized, while variation in volume of the phonetic sound can be analyzed so as to tell the user's emotional condition.

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